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gain block coupled with a current **feedback** output **amplifier**. ... **AGC** circuits. The **gain** control circuit can adjust the **gain** as fast as 4dB/ns. Maximum gains from 2 to 100 provided in Figure 11 by a simple **R-C filter** (R10 and C3); ...
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A variable **gain amplifier** and offset cancellation loop circuit and may be used as an **automatic gain control (AGC) amplifier** whose **gain** is adjusted 6 shows one specific circuit for use as a low pass **filter** 204, 320 and offset **amplifier feedback**. ... which sets the pole of the low pass **filter** equal to **RC/2**. ...
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8. [\[PDF\] 20. Chapter 13, Harris in above circuit performs better than ...](#)

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The resulting negative **feedback** should kill the oscillation at the expense of a small amount of **gain**. ... Impedance matching the crystal **filter** to the IF **amplifier** ... The **automatic gain control** is a receiver feature that holds the signal level relatively straight-forward "**R-C coupled amplifiers**" in series. ...
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9. [A Regenerative Receiver with **AGC** for 80 and 40 Meters](#)

Q1 is configured as a common emitter **amplifier** having a 1K emitter bias resistor, ... This arrangement deliberately gives "too much" **gain**, and the output level of to an **RC** lowpass **filter** with a time constant of maybe 100 mS or so, ... The reason the audio **filter** is included within the **AGC** loop is so that the ...
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AGC applications. For linear **gain** control applications, see. LMH6503 data sheet. The combination of minimal external analysis, OA-13, "Current **Feedback Amplifier** Loop **Gain** provided in Figure 8 by a simple **R-C filter** (R ...

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